



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korfic, Director

August 13, 2010

RE: CARROLL COUNTY HOME
GOLDEN AGE RETREAT
2202 KENSINGTON RD, NE
CARROLL COUNTY
OHIO EPA NO. 3PR00171

Carroll County Commissioners
Carroll County Courthouse
Carrollton, OH 44615

Dear Ladies and Gentleman:

On August 3, 2010, this writer conducted an inspection of the wastewater treatment plant for the Carroll County Home-Golden Age Retreat. The intent of the inspection was to conduct a compliance evaluation inspection and evaluate operations and maintenance of the system. The following are findings from the inspection.

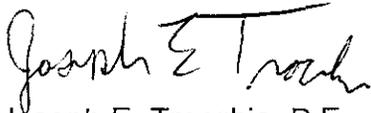
1. A summary of the wastewater treatment plant discharge violations for the last four years has been reviewed. During that time there have been twenty five total violations for dissolved oxygen and total chlorine residual. There have been no violations since June 2009 and this facility is considered to be in compliance
2. The aeration tanks had good color and a satisfactory air supply.
3. The effluent of the clarifiers had some pin floc but appeared to be producing a satisfactory effluent. The sludge blanket in the clarifier was up near the surface. It appeared that some solids needed to be wasted from the system.
4. One of the surface sand filters is in need of cleaning. The solids should be removed from the filters and the sand should be uniformly level so that the beds flood evenly. The coating of sludge being removed from the sand filters needs to be disposed at a licensed solid waste landfill. Wasting sludge from the aeration tanks on a regular basis will prevent them from carrying over to the filters.
5. The county operators have indicated that solids from the nursing home (wipes, rags, and other materials) have been causing operational problems with the equipment. These types of materials can lead to NPDES permit violations. The nursing home must implement a program to prevent staff and residents from disposing of inappropriate material into the wastewater treatment system. All solid wastes: rags, wipes, feminine products, paper towels, etc., must be disposed of in a licensed municipal solid waste facility. Furthermore, any cleaning products used

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by the staff that would be harmful to the effectiveness of the treatment plant should be eliminated and replaced with equivalent products compatible with the treatment plant. Please coordinate the procedures and an evaluation of the cleaning/chemicals used at the facility with Mr. Ralph Castellucci, Superintendent, BTM sewer district.

You may contact this office at (330) 963-1193 to discuss any questions you may have.

Respectfully,

A handwritten signature in black ink that reads "Joseph E. Trocchio". The signature is written in a cursive style with a large, sweeping initial "J".

Joseph E. Trocchio, P.E.
Environmental Engineer
Division of Surface Water

JET/mt

cc: Ralph Castellucci, Superintendent, BTM Sewer District
Carroll Golden Age Retreat

File: Public/Permit Compliance/Carroll County/Carroll County Home-Golden Age Retreat

CARROLL GOLDEN AGE RETREAT

EFFLUENT VIOLATIONS MAY 2006 - JULY 2010

Permit No	Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
3PRO0171*BD	July 2006	Chlorine, Total Residu	1D Conc	0.019	.11	7/17/2006
3PRO0171*BD	July 2006	Chlorine, Total Residu	1D Conc	0.019	.11	7/24/2006
3PRO0171*BD	June 2006	Chlorine, Total Residu	1D Conc	0.019	.13	6/2/2006
3PRO0171*BD	June 2006	Chlorine, Total Residu	1D Conc	0.019	.05	6/6/2006
3PRO0171*BD	June 2006	Chlorine, Total Residu	1D Conc	0.019	.19	6/22/2006
3PRO0171*BD	August 2006	Chlorine, Total Residu	1D Conc	0.019	.08	8/18/2006
3PRO0171*BD	April 2007	Dissolved Oxygen	1D Conc	5.0	4.4	4/27/2007
3PRO0171*CD	August 2007	Dissolved Oxygen	1D Conc	6.0	4.3	8/10/2007
3PRO0171*CD	June 2008	Dissolved Oxygen	1D Conc	6.0	5.8	6/2/2008
3PRO0171*CD	June 2008	Dissolved Oxygen	1D Conc	6.0	5.4	6/9/2008
3PRO0171*CD	July 2007	Dissolved Oxygen	1D Conc	6.0	5.5	7/2/2007
3PRO0171*CD	May 2008	Dissolved Oxygen	1D Conc	6.0	2.4	5/2/2008
3PRO0171*CD	May 2008	Dissolved Oxygen	1D Conc	6.0	4.6	5/12/2008
3PRO0171*CD	May 2008	Dissolved Oxygen	1D Conc	6.0	1.8	5/16/2008
3PRO0171*CD	May 2008	Dissolved Oxygen	1D Conc	6.0	3.	5/27/2008
3PRO0171*BD	May 2007	Dissolved Oxygen	1D Conc	5.0	4.25	5/25/2007
3PRO0171*CD	April 2008	Dissolved Oxygen	1D Conc	6.0	5.6	4/23/2008
3PRO0171*CD	July 2009	Dissolved Oxygen	1D Conc	6.0	5.7	7/16/2009
3PRO0171*CD	May 2009	Dissolved Oxygen	1D Conc	6.0	1.6	5/8/2009
3PRO0171*CD	May 2009	Dissolved Oxygen	1D Conc	6.0	1.7	5/11/2009
3PRO0171*CD	May 2009	Dissolved Oxygen	1D Conc	6.0	5.5	5/18/2009
3PRO0171*CD	May 2009	Dissolved Oxygen	1D Conc	6.0	4.8	5/26/2009
3PRO0171*CD	June 2009	Chlorine, Total Residu	1D Conc	0.019	.12	6/15/2009
3PRO0171*CD	June 2009	Chlorine, Total Residu	1D Conc	0.019	.05	6/22/2009
3PRO0171*CD	June 2009	Dissolved Oxygen	1D Conc	6.0	2.12	6/5/2009
3PRO0171*CD	June 2009	Dissolved Oxygen	1D Conc	6.0	4.	6/12/2009